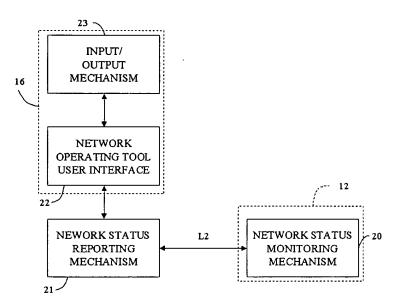


Figure 2 REAL TIME DATABASE REAL TIME STATUS DAEMON MANAGER SWITCH, FLOW CONTROL SWITCH_n DAEMON I1 ′ 11 Ll ► Li TELECONFERENCING VOICE RECOGNITION UNIT VOICE RESPONSE UNIT 14B -14A NETWORK OPERATION NETWORK OPERATION CONSOLE \ 14D _____14C CONSOLE 16B /

Figure 3



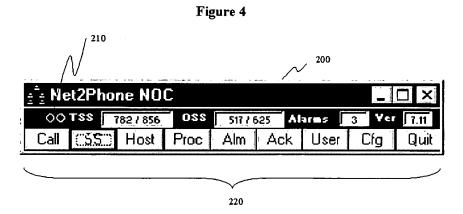
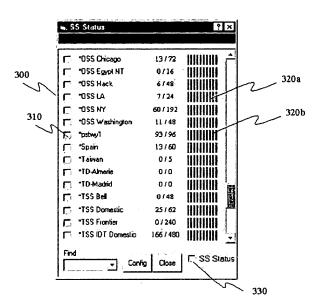
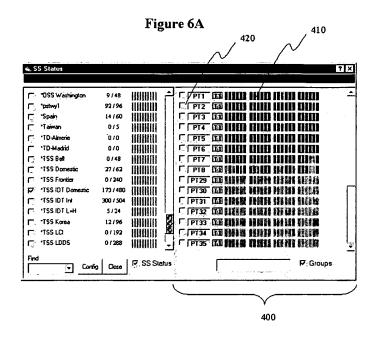


Figure 5





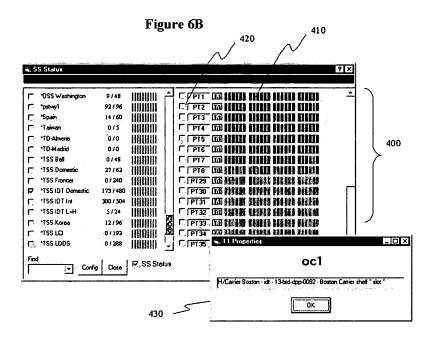
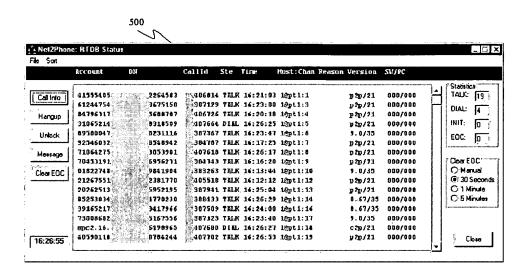
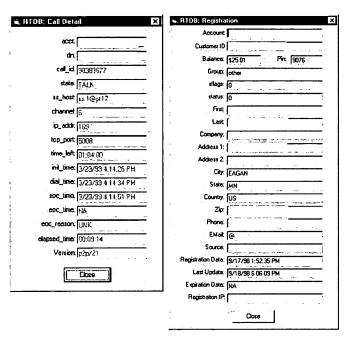


Figure 7









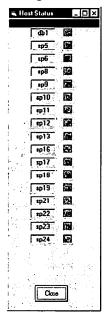


Figure 10

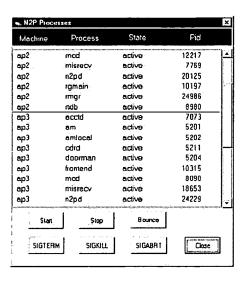


Figure 11

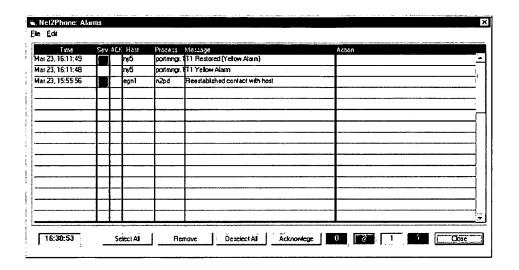


Figure 12

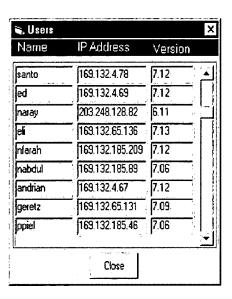
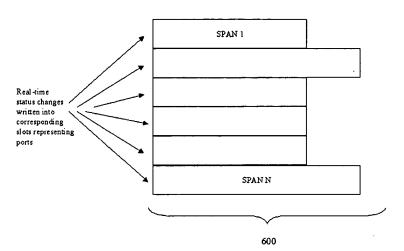


Figure 13



Real-time data 705 700 R R E D D R R 720 730

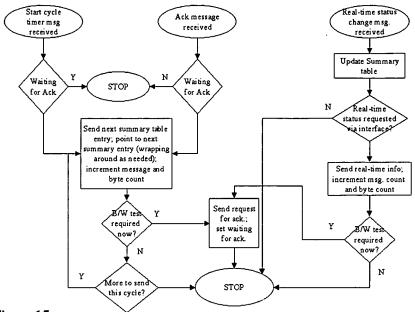


Figure 16

SPAN 1 OR GROUP 1	Switch	Switch ₂	Switch ₃			Swi	tch ₁₅
SPAN 2 OR GROUP 2	Switch ₁₆						Switch
				•			
				•			
				•			
SPAN x OR GROUP x	Switch _{i+1}		•	• •	Switch _n		

Figure 17

									_
Switch ₁	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6		Port 24	
Switch ₂	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 16	;]	
Switch ₃	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6		Port 24	
Switch ₄	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6			Port 32
Switch ₅	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6			
				•					
Switch	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 16	,	

Figure 18

Switch ₁ Port 1		Account Number	Balance	Field 4	Field 5		Fieldn
Switch ₁ Port 2	1	Account Number	Balance	.Field4	Field 5		Fieldn
Switch ₁ Port 3		Account Number	Balance	Field 4	Field 5		Fieldn
				:			
Switch ₁ Port 24		Account Number	Balance	Field 4	Field 5	•••	Fieldn
				:			
Switch _n Port 1		Account Number	Balance	Field 4	Field 5		Fieldn
Switch _n Port 2		Account Number	Balance	Field 4	Field 5	•••	Fieldn
Switch _n Port 3		Account Number	Balance	Field 4	Field 5	•••	Field n
				:			
Switch, Port 16		Account Number	Balance	Field 4	Field 5		Fieldn



Switch₁

Switch ₂ Port 1	Switch ₂ Port 2				Switch ₂ Port 6	•••	Switch ₂ Port 24
Switch ₃ Port 1	Switch ₃ Port 2	,	Switch ₃ Port 4	Switch ₃ Port 5	Switch ₃ Port 6	•••	Switch ₃ Port 24

Switch₄

Switch₅

	Switch ₆ Port 1 Account No.	Switch ₆ Port 1 Balance	Switch ₆ Port 1 Field 4	Switch, Port 1 Field 5	•••	Switch, Port 1 Field n
Switch, Port 2 Customer No.		Switch ₆ Port 2 Balance	Switch, Port 2 Field 4	Switch ₆ Port 2 Field 5		Switch, Port 2 Field n

Switch, Port 24 Customer No. Account No. Balance Field 4 Field 5 Switch, Port 24

Switch₇

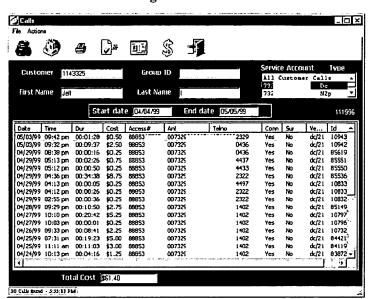


Figure 20A

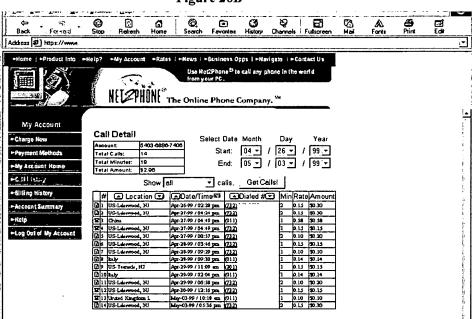


Figure 20B





